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## IN THE CLAIMS:

- 1. (Currently Amended) A ceramic honeycomb extrusion apparatus comprising:
- a biaxial screw portion, a flow regulation portion, a foreign substance removal portion, and an extrusion portion having upstream and downstream ends, wherein the flow regulation portion comprises a diameter reducing portion, a cylinder portion, and a diameter expanding portion located at said downstream end of said extrusion portion, wherein:
- (1) an inlet shape of the diameter reducing portion adjacent the biaxial screw portion, which is congruent to an outlet shape of the biaxial screw portion;
- (2) an outlet shape of the diameter reducing portion adjacent the cylinder portion, which is congruent to an inlet shape of the cylinder portion;
- (3) an inlet shape of the diameter expanding portion adjacent the cylinder portion, which—is congruent to an outlet shape of the cylinder portion; and
- (4) an outlet shape of the diameter expanding portion adjacent the foreign substance removal portion, which is

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congruent to an inlet shape of the foreign substance removal portion, wherein the flow regulation portion comprises a cassette mechanism comprising a detachable inner portion for regulating flow of material being extruded therethrough. therethrough, and said cassette mechanism is detachable from said ceramic honeycomb extrusion apparatus without removal of said diameter expanding portion.

## 2.-3. (Cancelled)

- 4. (Currently Amended) A method for forming a ceramic honeycomb, comprising extruding a green ceramic material through a ceramic honeycomb extrusion apparatus comprising:
- (1) an inlet shape of the diameter reducing portion adjacent the biaxial screw portion, which is congruent to an outlet shape of the biaxial screw portion;
- (2) an outlet shape of the diameter reducing portion adjacent the cylinder portion, which—is congruent to an inlet shape of the cylinder portion;

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- (3) an inlet shape of the diameter expanding portion adjacent the cylinder portion, which is congruent to an outlet shape of the cylinder portion; and
- (4) an outlet shape of the diameter expanding portion adjacent the foreign substance removal portion, which is congruent to an inlet shape of the foreign substance removal portion, wherein the flow regulation portion comprises a cassette mechanism comprising a detachable inner portion for regulating flow of material being extruded therethrough therethrough, and said cassette mechanism is detachable from said ceramic honeycomb extrusion apparatus without removal of said diameter expanding portion.